

Real Robots- STAAR Revising and Editing- HYDE

Gabriel had to write a report on robots and discovered that robots were not the human looking machines of science fiction. Help Gabriel by editing and revising her content.

Real Robots

(1) Most people think of the robots from Star Wars or cartoons which they picture how these machines exist. (2) Actually, the majority of robots look exactly like what they are. (3) They are machines. (4) Although robots are becoming crucial in the medical field, most robots are used in industry. (5) The industry robot has three parts. (6) Its parts are the hydraulics, mechanical and electrical units.

(7) An industry robot gets its power from hydraulics. (8) The hydraulic fluid is placed under high pressure. (9) This pressure opens valves and forces pistons to move. (10) These pistons make parts move through gears or levers. (11) The hydraulic fluid needs cooled by a vital water-cooling system or a fan.

(12) The mechanical part of the robot can pick things up, adjust parts, or place things together. (13) Usually, an arm can move in different directions like side to side, backward or forward, or swing up and down. (14) My arm hurt when I had to do repetitive motions like painting our fence. (15) The end of the arm has an attachment that works like a wrist to have more movement than a human.

(16) The complicated part of the robot is the control unit which acts like a brain for a machine. (17) The control unit contains an electronic memory and an instruction unit that passes signals to the robot and gets feedback from the movement. (18) This complicated computer part is in charge of all information processing like our laptops process our input from us.

(19) The robot might just look like a machine, but it actually provides us with a tool that helps perform many actions quicker and safer than humans can. (20) Now I wish I could have one that would help clean my room.

1. What is the best way to combine sentences 2 and 3?

- A.** Actually, the majority of robots look exactly like the machines that they are.
- B.** Actually, the majority of robots look exactly like what they are, they are machines.
- C.** Actually, the majority of robots look exactly like the machines who they are.
- D.** Actually, the majority of robots look exactly like the robot machines that they are.

2. Which sentence needs deleted from the passage for unity?
- F. Sentence 9
 - G. Sentence 14
 - H. Sentence 17
 - J. Make no deletion.
3. Gabriel wants to add a sentence after sentence 15 to support the ideas in that paragraph. Which one of these sentences would provide support?
- A. Our wrists can help our hands do many actions.
 - B. This movement can do a lot of stuff.
 - C. In contrast to the human wrist, this part can spin 360 degrees to perform actions.
 - D. The noise is loud from a robot.
4. Which transition can be added to the beginning of sentence 18?
- F. As soon as,
 - G. Next,
 - H. In fact,
 - J. Nevertheless,
5. Which transitional phrase can be added to the beginning of sentence 12 to show a relationship between the paragraphs 2 and 3?
- A. In the end,
 - B. Put in motion by the hydraulics,
 - C. As well as,
 - D. In conclusion to hydraulics,
6. What editing, if any, is needed in sentence 6?
- F. Change Its to It's
 - G. Delete the comma after hydraulics
 - H. Capitalize the word "mechanical"
 - J. Make no change
7. How can you revise sentence 1 for correct subordinate conjunction choice?
- A. Most people think of the robots from Star Wars or cartoons although they picture how these machines exist.
 - B. Most people think of the robots from Star Wars or cartoons since they picture how these machines exist.
 - C. Most people think of the robots from Star Wars or cartoons when they picture how these machines exist.
 - D. Make no revision.

8. How should the coordinating conjunction be revised in sentence 19?
- F. The robot might just look like a machine, so it actually provides us with a tool that helps perform many actions quicker and safer than humans can.
 - G. The robot might just look like a machine, for it actually provides us with a tool that helps perform many actions quicker and safer than humans can.
 - H. The robot might just look like a machine, and it actually provides us with a tool that helps perform many actions quicker and safer than humans can.
 - J. Make no change.
9. Which sentence, if any, needs deleted from the passage for unity?
- A. Sentence 9
 - B. Sentence 14
 - C. Sentence 17
 - D. None needed
10. Which transition could be added to the beginning of sentence 18?
- F. As soon as,
 - G. Next,
 - H. In fact,
 - J. Nevertheless,
11. What editing is needed for sentence 8?
- A. Change "preassure" to "pressure"
 - B. Add a comma after "placed"
 - C. Change "is" to "are"
 - D. Make no change.
12. Which sentence should be added to the beginning of the concluding paragraph?
- F. Last, I really like the idea of robots.
 - G. In conclusion, robots can turn into the monsters overtaking the world like in *I Robot* with actor Will Smith.
 - H. Even though it would be fun to see human looking robots, we should appreciate what today's robots do.
 - J. All in all, robots are just fiction and don't exist.
13. What sentence needs to be added after sentence 11 to best support the ideas presented?
- A. Fans can cool us down in our homes and classrooms.
 - B. After cooling, the fluid will begin providing pressure again.
 - C. The hydraulics are important.
 - D. Dirt can get trapped in the fluid without a screen.